

MR3721-2

Serial Number: 10/713,047

Response to Office Action dated 26 September 2006

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AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listing of claims in the application:

LISTING OF CLAIMS:

Claims 1 - 20 (Cancelled).

21. (Currently Amended) A mobile storage device comprising:

a memory control module electrically connected to at least one memory
device;

an MP3 processing module electrically connected to the memory control
module for processing an MP3 digital data[[:]], wherein said processing
module comprises a decoding chip for decoding MP3 digital data being
stored in the memory into a voice signal and an encoding chip for
encoding a voice signal into MP3 digital data to be stored in the memory
device;

a Bluetooth earphone module ~~detachably and~~ electrically connected to the
memory control module and the MP3 processing module, wherein the
Bluetooth earphone module is adaptively attachable ~~attached~~ to the
mobile storage device for ~~providing~~ establishing wireless transmission
of digital data function, and adaptively detachable ~~detached~~ from the

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mobile storage device to disable the wireless transmission function of the mobile storage device; and

an electronic control switch electrically connected to the Bluetooth earphone module, the MP3 processing module, an earphone and a microphone, wherein the electronic control switch ~~alternatively~~ automatically connects either the earphone to the MP3 processing module or the earphone and the microphone to the MP3 processing module or to the Bluetooth earphone module.

22. (Previously Presented) The mobile storage device as claimed in claim 21, further comprising an outer shell with a display, wherein the display is electrically connected to the MP3 processing module, and the display displays information of the MP3 digital data being played by the MP3 processing module.

23. (Previously Presented) The mobile storage device as claimed in claim 21, wherein the memory is a flash memory.

24. (Previously Presented) The mobile storage device as claimed in claim 21, wherein the memory control module is a memory card reader, the memory is a memory card which can be movably inserted into the memory card reader for

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expansion or replacement of another memory card inserted into the memory card reader.

25. (Canceled).

26. (Canceled).

27. (Previously Presented) The mobile storage device as claimed in claim 21, further comprising a plurality of function keys being electrically connected to and controlling the MP3 processing module to play the MP3 digital data.

28. (Previously Presented) The mobile storage device as claimed in claim 21, further comprising a function key to control the electronic control switch.

29. (Previously Presented) The mobile storage device as claimed in claim 27, wherein the function keys are configured to select the MP3 digital data to be played.

30. (Previously Presented) The mobile storage device as claimed in claim 27, wherein the function keys are configured to adjust the playing MP3 digital data.

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31. (Previously Presented) The mobile storage device as claimed in claim 27, wherein the function keys are configured to control the MP3 processing module to record a voice signal via one of the microphone and the Bluetooth earphone module into the MP3 digital data.

32. (Previously Presented) The mobile storage device as claimed in claim 21, wherein the Bluetooth earphone module is wirelessly connected to a remote Bluetooth module and provides wireless transmission between the mobile storage device and the remote Bluetooth module.

33. (Previously Presented) The mobile storage device as claimed in claim 32, wherein the electronic control switch is controlled by a signal from the remote Bluetooth module.

34. (Previously Presented) The mobile storage device as claimed in claim 32, wherein the wireless transmission transmits at least one of a voice signal, a digital data, and the processed MP3 digital data.

35. (Currently Amended) The mobile storage device as claimed in claim 32, wherein the remote Bluetooth module is comprised of the group consisting of at

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~~least one of~~ a computer equipment, a mobile phone, a Bluetooth earphone, and a remote mobile storage device.

36. (Previously Presented) The mobile storage device as claimed in claim 35, wherein the electronic control switch is automatically switched to connect the earphone and the microphone to the Bluetooth earphone module to answer an incoming call, when the remote Bluetooth module is the mobile phone.

37. (Previously Presented) The mobile storage device as claimed in claim 35, wherein the Bluetooth earphone module is wirelessly connected to a plurality of the Bluetooth earphones with same frequency and channel.

38. (Previously Presented) The mobile storage device as claimed in claim 35, wherein the Bluetooth earphone module has different channels to avoid mutual interference.